



SEQUENCE LISTING

<110> RABEANI, ELAZAR

STAVRIANOPOULOS, JANNIS G.

DONEGAN, JAMES J.

LIU, DAKAI

KELKER, NORMAN E.

ENGELHARDT, DEAN L.

<120> NOVEL PROPERTY EFFECTING AND/OR PROPERTY EXHIBITING
COMPOSITIONS FOR THERAPEUTIC AND DIAGNOSTIC USE

<130> ENZ-53(D2)

<140> 08/978,634

<141> 1997-11-25

<150> 08/574,443

<151> 1995-12-15

<160> 63

<170> PatentIn Ver. 3.2

<210> 1

<211> 20

<212> PRT

<213> Influenza B virus

<400> 1

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<210> 2

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<213> Bacteriophage T7

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<210> 3

<211> 15

<212> DNA

<213> Simian virus 40

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ctctaaggta aatat 15

<210> 4
<211> 16
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<210> 5
<211> 19
<212> DNA
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<400> 6
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<210> 7
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<400> 7
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<210> 8
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<400> 8
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<210> 9
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<400> 9
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<210> 10
<211> 49
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 10
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<210> 11
 <211> 55
 <212> DNA
 <213> Artificial Sequence

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<400> 11
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 <211> 46
 <212> DNA
 <213> Artificial Sequence

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<210> 13
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<400> 13
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<210> 14
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<210> 15
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<400> 15
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<210> 16
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 <210> 17
 <211> 40
 <212> DNA
 <213> Artificial Sequence

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 <210> 18
 <211> 92
 <212> DNA
 <213> Artificial Sequence

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 <210> 19
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<223> Description of Artificial Sequence: Synthetic oligonucleotide

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<210> 22

<211> 13

<212> DNA

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<210> 23

<211> 33

<212> DNA

<213> Artificial Sequence

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gagaaaggta aaattctctg acatcgaact ggc 33

<210> 24

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 24

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<210> 25

<211> 29

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic oligonucleotide

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 ttccatttta agagactgta gcttgaccg 29

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 <213> Artificial Sequence

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 <213> Bacteriophage T7

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<210> 29
 <211> 50
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 <213> Bacteriophage T7

<400> 29
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<210> 30
 <211> 77
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 tctgacatcg aactggc 77

<210> 31
<211> 77
<212> DNA
<213> Artificial Sequence

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<400> 31
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<210> 32
<211> 69
<212> DNA
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<223> Description of Artificial Sequence: Synthetic oligonucleotide

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<210> 33
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<400> 33
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tggtctaata 69

<210> 34
<211> 61
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<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 34
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<210> 35
<211> 61
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 35
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<210> 36
<211> 62
<212> DNA
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<400> 36
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ag 62

<210> 37
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
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<400> 37
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at 62

<210> 38
<211> 30
<212> DNA
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<400> 38
aatctagagc taacaaagcc cgaaaggaag 30

<210> 39
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<400> 39
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<210> 40
<211> 70
<212> DNA
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<400> 40
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atgcagatct 70

<210> 41
<211> 70
<212> DNA
<213> Artificial Sequence

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<400> 41
ctagagatct gcatttaact agtatcgatg ggcccgctag ctccggacgt acggatcctt 60
aagccatggc 70

<210> 42
<211> 29
<212> DNA
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<220>
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<400> 42
catgaaatta attcgactca ctatacgga 29

<210> 43
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 43
gatctccgta tagtgagtcg aattaattt 29

<210> 44
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 44
gatccggatt gaggettaag cagtgggttc cctagttagc cagagagctc ccaggctcag 60
atctggtcta at 72

<210> 45
<211> 72
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 45

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agcctcaatc cg 72

<210> 46

<211> 66

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 46

gatccggacc ttgaggaggt cttcgtcgct gtctccgctt cttcctgccca taggagagcc 60
taaggt 66

<210> 47

<211> 66

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 47

ccggacctta ggctctccta tggcaggaag aagcggagac agcgacgaag acctcctcaa 60
gggccg 66

<210> 48

<211> 65

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 48

gatccggatg ggaggtgggt ctgaaacgat aatggtgagt atccctgcct aactctattc 60
actat 65

<210> 49

<211> 65

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 49

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atccg 65

<210> 50
<211> 67
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 50
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gtattat 67

<210> 51
<211> 67
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 51
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gcatgct 67

<210> 52
<211> 12
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 52
tttttttttt tt 12

<210> 53
<211> 15
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 53
aaaaaaaaaa aaaaaa 15

<210> 54
<211> 15
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 54
tttttttttt ttttt 15

<210> 55
<211> 20
<212> DNA
<213> Simian virus 40

<400> 55
gagtagaccc ttagagagca 20

<210> 56
<211> 15
<212> DNA
<213> Simian virus 40

<400> 56
gagattccat ttata 15

<210> 57
<211> 17
<212> DNA
<213> Simian virus 40

<400> 57
acataaaaat ctaagtt 17

<210> 58
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<212> DNA
<213> Simian virus 40

<400> 58
tataaatgga atctctcgt 19

<210> 59
<211> 19
<212> DNA
<213> Simian virus 40

<400> 59
ctcatctggg attttatgt 19

<210> 60
<211> 164
<212> DNA
<213> Homo sapiens

<400> 60
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atccattgca ctccggatgt gctgaccctt gcgatttcgc caaatgtggg aaactcgact 120
gcataatttg tggtagtggg ggactgcgtt cgcgctttcc cctg 164

<210> 61
<211> 191
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic U1
construct with Anti-A

<400> 61
atacttacct ggcaggggag ataccatgat ccggattgag gcttaagcag tgggttccct 60
agttagccag agagctccca ggctcagatc tgggtgtaatc cggatgtgct gaccctgcg 120
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gctttcccct g 191

<210> 62
<211> 181
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic U1
construct with Anti-B

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cttcttctctg cgataggaga gcctaaggtc cggatgtgct gaccctgcg atttcccaa 120
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g 181

<210> 63
<211> 178
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic U1
construct with Anti-C

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gagtatccct gcctaagtct attcactatc atgtgctgac ccctgcgagt tccccaaatg 120
tgggaaactc gactgcataa tttgtggtag tgggggactg cgtccgcgct ttcccctg 178